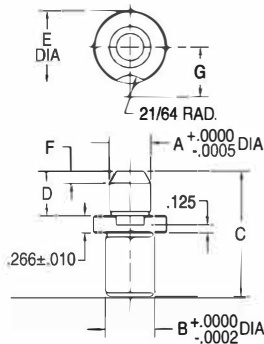


ROUND & DIAMOND LOCATING PINS

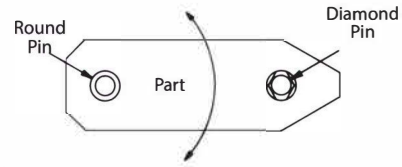
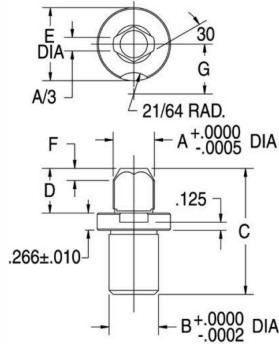
1144 STEEL, HEAT TREATED RC 48-55, BLACK OXIDE FINISH



**Lockscrew-Type
Round Pin**



**Lockscrew-Type
Diamond Pin**



These precision locating pins are especially useful for workpiece location because of the wide selection of head diameters available to fit machined holes in the part. In addition to standard diameters, these pins are also quickly made to order in any special head diameter from .1150" to 1.0400" in .0001" increments. One Round Locating Pin and one Diamond Locating Pin is relieved to locate in only 1 axis. The type shown here, with a slip-fit shank and lockscrew slot, is designed for renewable installation.

Round & Diamond Locating Pins are available in four standard shank diameters, each with a range of standard head diameters in 1/32" increments (2mm increments in metric), each available in either standard or undersize fit. Head and shank diameters are concentric to within .0005" TIR. Made in USA.



Special head diameters (A dimensions) are readily available in any of the four standard shank diameters:

- 5 = 5/16" shank (.1150-.3180 head dia)
- 8 = 1/2" shank (.2780-.5040 head dia)
- 12 = 3/4" shank (.4640-.7540 head dia)
- 16 = 1" shank (.7140-1.0040 head dia)

Example: For a press-fit round pin with a 1/2-inch shank and A=.4000 inches, order CL-8-RLT-4000.

LOCKSCREW TYPE (INCH)

ROUND PIN PART NO.	DIAMOND PIN PART NO.	B SHANK DIA	A HEAD DIA		C	D	E DIA	F	G	LINER PART NO.	HEAD LINER PART NO.	LOCK- SCREW PART NO.
			NOMINAL	ACTUAL								
CL-123-RLT	CL-123-DLT	5/16	1/8	.1235	1-3/16	7/16	5/8	3/32	33/64	L-32-8	HL-32-8	LS-1
CL-124-RLT	CL-124-DLT			.1245								
CL-154-RLT	CL-154-DLT		5/32	.1548								
CL-155-RLT	CL-155-DLT			.1558								
CL-186-RLT	CL-186-DLT		3/16	.1860								
CL-187-RLT	CL-187-DLT			.1870								
CL-217-RLT	CL-217-DLT		7/32	.2173								
CL-218-RLT	CL-218-DLT			.2183								
CL-248-RLT	CL-248-DLT		1/4	.2485								
CL-249-RLT	CL-249-DLT			.2495								
CL-279-RLT	CL-279-DLT		9/32	.2798								
CL-280-RLT	CL-280-DLT			.2808								
CL-311-RLT	CL-311-DLT	1/2	5/16	.3110	1-1/2	1/2	7/8	1/8	41/64	L-48-12	HL-48-12	LS-1
CL-312-RLT	CL-312-DLT			.3120								
CL-310-RLT	CL-310-DLT		5/16	.3105								
CL-3115-RLT	CL-3115-DLT			.3115								
CL-341-RLT	CL-341-DLT		11/32	.3418								
CL-342-RLT	CL-342-DLT			.3428								
CL-373-RLT	CL-373-DLT		3/8	.3730								
CL-374-RLT	CL-374-DLT			.3740								
CL-404-RLT	CL-404-DLT		13/32	.4043								
CL-405-RLT	CL-405-DLT			.4053								
CL-435-RLT	CL-435-DLT		7/16	.4355								
CL-436-RLT	CL-436-DLT			.4365								
CL-466-RLT	CL-466-DLT		15/32	.4668								
CL-467-RLT	CL-467-DLT			.4678								
CL-498-RLT	CL-498-DLT		1/2	.4980								
CL-499-RLT	CL-499-DLT			.4990								

CONTINUED ON NEXT PAGE

ROUND & DIAMOND LOCATING PINS

ROUND PIN PART NO.	DIAMOND PIN PART NO.	B SHANK DIA	A HEAD DIA		C	D	E DIA	F	G	LINER PART NO.	HEAD LINER PART NO.	LOCK- SCREW PART NO.
			NOMINAL	ACTUAL								

CONTINUED FROM PREVIOUS PAGE

CL-4980-RLT	CL-4980-DLT	3/4	1/2	.4980	1-15/16	11/16	1-1/8	3/16	49/64	L-64-16	HL-64-16	LS-1
CL-4990-RLT	CL-4990-DLT			.4990								
CL-529-RLT	CL-529-DLT		17/32	.5293								
CL-530-RLT	CL-530-DLT			.5303								
CL-560-RLT	CL-560-DLT		9/16	.5605								
CL-561-RLT	CL-561-DLT			.5615								
CL-591-RLT	CL-591-DLT		19/32	.5918								
CL-592-RLT	CL-592-DLT			.5928								
CL-623-RLT	CL-623-DLT		5/8	.6230								
CL-624-RLT	CL-624-DLT			.6240								
CL-654-RLT	CL-654-DLT		21/32	.6543								
CL-655-RLT	CL-655-DLT			.6553								
CL-685-RLT	CL-685-DLT		11/16	.6855								
CL-686-RLT	CL-686-DLT			.6865								
CL-716-RLT	CL-716-DLT		23/32	.7168								
CL-717-RLT	CL-717-DLT			.7178								
CL-748-RLT	CL-748-DLT	1	3/4	.7480	2-5/8	1	1-1/2	9/32	61/64	L-88-22	HL-88-22	LS-1
CL-749-RLT	CL-749-DLT			.7490								
CL-7480-RLT	CL-7480-DLT		3/4	.7480								
CL-7490-RLT	CL-7490-DLT			.7490								
CL-779-RLT	CL-779-DLT		25/32	.7793								
CL-780-RLT	CL-780-DLT			.7803								
CL-810-RLT	CL-810-DLT		13/16	.8105								
CL-811-RLT	CL-811-DLT			.8115								
CL-841-RLT	CL-841-DLT		27/32	.8418								
CL-842-RLT	CL-842-DLT			.8428								
CL-873-RLT	CL-873-DLT		7/8	.8730								
CL-874-RLT	CL-874-DLT			.8740								
CL-904-RLT	CL-904-DLT		29/32	.9043								
CL-905-RLT	CL-905-DLT			.9053								
CL-935-RLT	CL-935-DLT		15/16	.9355								
CL-936-RLT	CL-936-DLT			.9365								
CL-966-RLT	CL-966-DLT	1	31/32	.9668	1	1	1	1	1	1	1	1
CL-967-RLT	CL-967-DLT			.9678								
CL-998-RLT	CL-998-DLT		1	.9980								
CL-999-RLT	CL-999-DLT			.9990								

LOCKSCREW TYPE (METRIC)

PART NO.	B SHANK DIA	A DIA NOMINAL (mm)	A DIA ACTUAL (mm)	C (mm)	D (mm)	E DIA (mm)	F (mm)	G (mm)
CL-5-RLT-.2347	5/16"	6	5.961	30	11	16	2.4	13
CL-5-RLT-.2357	5/16"	6	5.987	30	11	16	2.4	13
CL-8-RLT-.3130	1/2"	8	7.950	38	12.5	22	3.2	16.5
CL-8-RLT-.3140	1/2"	8	7.976	38	12.5	22	3.2	16.5
CL-8-RLT-.3917	1/2"	10	9.949	38	12.5	22	3.2	16.5
CL-8-RLT-.3927	1/2"	10	9.974	38	12.5	22	3.2	16.5
CL-8-RLT-.4704	1/2"	12	11.948	38	12.5	22	3.2	16.5
CL-8-RLT-.4714	1/2"	12	11.974	38	12.5	22	3.2	16.5
CL-12-RLT-.5492	3/4"	14	13.950	49	17.5	28.5	4.8	19.5
CL-12-RLT-.5502	3/4"	14	13.975	49	17.5	28.5	4.8	19.5
CL-12-RLT-.6279	3/4"	16	15.949	49	17.5	28.5	4.8	19.5
CL-12-RLT-.6289	3/4"	16	15.974	49	17.5	28.5	4.8	19.5
CL-12-RLT-.7067	3/4"	18	17.950	49	17.5	28.5	4.8	19.5
CL-12-RLT-.7077	3/4"	18	17.976	49	17.5	28.5	4.8	19.5
CL-16-RLT-.7854	1"	20	19.949	66.5	25.5	38	7	24
CL-16-RLT-.7864	1"	20	19.974	66.5	25.5	38	7	24

Order liner bushing and lockscrews separately. See table above for proper sizes. (See drill-bushing catalog section for additional dimensions).

